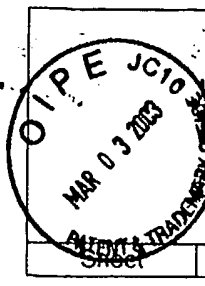


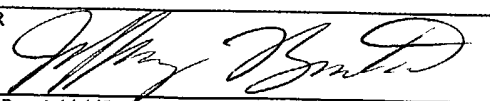
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| INFORMATION DISCLOSURE CITATION Form PTO-1449 (Modified) (Use several sheets if necessary) | | | | ATTY. DOCKET NO. 50225-8032.US03 | | SERIAL NO. 10/034,278 | |
| | | | | APPLICANT Kumik <i>et al.</i> | | | |
| | | | | FILING DATE December 28, 2001 | | GROUP unknown | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate | |
| JS 1 | 5,599,432 | 2/4/97 | Manz <i>et al.</i> | | | | |
| | 5,858,195 | 1/12/99 | Ramsey | | | | |
| | 5,869,004 | 2/9/99 | Parce <i>et al.</i> | | | | |
| | 5,858,187 | 1/12/99 | Ramsey <i>et al.</i> | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | Document Number | Date | Country | Class | Subclass | Translation | |
| JS | WO 98/49548 | 11/05/98 | PCT | | | | |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| JS | International Search Report for PCT Application No. PCT/US01/04412 | | | | | | |
| | Pier Giorgio Righetti (ED): "Capillary Electrophoresis in Analytical Biotechnology", CRC PRESS, NEW YORK XP008002033, pp. 84-87, 1996 | | | | | | |
| | Jacobson, Stephen C. <i>et al.</i> , "Effects of Injection Schemes and Column Geometry on the Performance of Microchip Electrophoresis Devices", <i>Anal. Chem.</i> 66, pp. 1107-1113, 1994. | | | | | | |
| | Quirino, Joselito P. <i>et al.</i> , "Sample stacking of cationic and anionic analytes in capillary electrophoresis", <i>Journal of Chromatography A</i> , 902, pp. 119-135, 2000. | | | | | | |
| | Gebauer, Petr <i>et al.</i> , "Sample self-stacking in zone electrophoresis. Theoretical description of the zone electrophoretic separation of minor compounds in the presence of bulk amounts of a sample component with high mobility and like charge", <i>Journal of Chromatography</i> , 608, pp. 47-57, 1992. | | | | | | |
| | Guzman, Norberto A. <i>et al.</i> , "New Directions for Concentration Sensitivity Enhancement in CE and Microchip- Technology", <i>LCGC</i> , Vol. 19, No. 1, January 2001. | | | | | | |
| JS | Yang, Hua <i>et al.</i> , "Sample stacking in laboratory-on-a-chip devices", <i>Journal of Chromatography A</i> , 924, pp. 155-163, 2001. | | | | | | |
| EXAMINER | | | | DATE CONSIDERED 4/14/04 | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

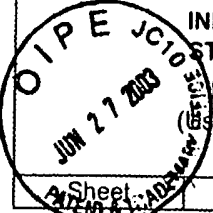
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|  INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) Use several sheets if necessary) | | | | COMPLETE IF KNOWN | |
| | | | | Application Number | 10/034,278 |
| | | | | First Named Inventor | Kurnik et al. |
| | | | | Filing Date | December 28, 2001 |
| | | | | Group Art Unit No. | Unknown |
| | | | | Confirmation No. | Unknown |
| | | | | Examiner Name | Unknown |
| | | | | Attorney Docket No. | 50225-8032.US03 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|----------|----------------------------|-----------|--|--|--|
| Examiner Initials | Cite No. | U.S. Patent or Application | | Name of Patentee or Inventor of Cited Document | Date of Publication or Filing Date of Cited Document | Pages, Columns, Lines, Where Relevant Figures Appear |
| | | NUMBER | Kind Code | | | |
| JS | | 5,965,001 | A | Chow et al. | 10/12/99 | |
| | | 5,800,690 | A | Chow et al. | 09/01/98 | |
| | | 6,475,441 | B1 | Parce et al. | 11/05/02 | |
| | | 6,368,871 | B1 | Christel et al. | 04/09/02 | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|----------|-------------------------------|-------------|----------------------|---|--|--|
| Examiner Initial | Cite No. | Foreign Patent or Application | | | Name of Patentee or Applicant of Cited Document | Date of Publication or Filing Date of Cited Document | Pages, Columns, Lines, Where Relevant Figures Appear |
| | | Office | NUMBER | Kind Code (if known) | | | |
| JS | | PCT | WO 98/54568 | A1 | Regnier et al. | 12/03/98 | |
| | | PCT | WO 99/10735 | A1 | Chow et al. | 03/04/99 | |

| OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS | | | |
|---|----------|---|---|
| Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published. | T |
| JS | | Copy of PCT International Search Report from PCT/US02/26393 | |
| | | Foret, Frantisek <i>et al.</i> , "On-column transient and coupled column isotachophoretic preconcentration of protein samples in capillary zone electrophoresis", <i>Journal of Chromatography</i> , 608:3-12, 1992. | |
| | | Reinhoud, N.J. <i>et al.</i> , "Capillary isotachophoretic analyte focusing for capillary electrophoresis with mass spectrometric detection using electrospray ionization", <i>Journal of Chromatography</i> , 627:263-271, 1992. | |
| | | Krivankova, Ludmila <i>et al.</i> , "Synergism of capillary isotachopheresis and capillary zone electrophoresis", <i>Journal of Chromatography B</i> , 689:13-34, 1997. | |
| | | Dankova, Mariana <i>et al.</i> , "Capillary zone electrophoresis separations of enantiomers present in complex ionic matrices with on-line isotachophoretic sample pretreatment", <i>Journal of Chromatography A</i> , 838:31-43, April 9, 1999. | |
| | | Masar, Marian <i>et al.</i> , "Determination of organic acids and inorganic anions in wine by isotachopheresis on a planar chip", <i>Journal of Chromatography A</i> , 916:167-174, 2001. | |
| | | Chen, Shujun <i>et al.</i> , "Automated Instrumentation for Comprehensive Isotachopheresis - Capillary Zone Electrophoresis", <i>Anal. Chem.</i> 72:816-820, 2000. | |
| JS | | Waterval, Joop C.M. <i>et al.</i> , "Development and validation of transient isotachophoretic capillary zone electrophoresis for determination of peptides", <i>Electrophoresis</i> 19:3171-3177, 1998. | |

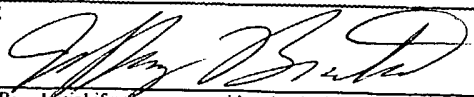
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|---|--|--|--|--------------------------|-------------------|
|  INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary) | | | | COMPLETE IF KNOWN | |
| | | | | Application Number | 10/034,278 |
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| | | | | Filing Date | December 28, 2001 |
| | | | | Group Art Unit No. | unknown |
| | | | | Confirmation No. | unknown |
| | | | | Examiner Name | unknown |
| | | | | Attorney Docket No. | 50225-8032.US03 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|----------|----------------------------|-----------|--|--|--|
| Examiner Initials | Cite No. | U.S. Patent or Application | | Name of Patentee or Inventor of Cited Document | Date of Publication or Filing Date of Cited Document | Pages, Columns, Lines, Where Relevant Figures Appear |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|----------|-------------------------------|--------|----------------------|---|--|--|---|
| Examiner Initial | Cite No. | Foreign Patent or Application | | | Name of Patentee or Applicant of Cited Document | Date of Publication or Filing Date of Cited Document | Pages, Columns, Lines, Where Relevant Figures Appear | T |
| | | Office | NUMBER | Kind Code (if known) | | | | |
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| OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS | | | | |
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| Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published. | | T |
| 93 | | Jacobson and Ramsey, "Microchip electrophoresis with sample stacking," <i>Electrophoresis</i> , 16: 481-486 (1995). | | |
| | | 93 | | |
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| EXAMINER  | DATE CONSIDERED 9/14/04 |
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